

PATENTS

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>In re</i> Application of	)	
	)	Group Art Unit: 1645
Stefan GOLZ et al	)	
	)	Examiner: TBA
Serial No. 10/531,655	)	
	)	
Filed: March 1, 2006	)	Atty. Dkt. No. 004974.01084

For: **DIAGNOSTICS AND THERAPEUTICS**  
**FOR DISEASES ASSOCIATED WITH HUMAN**  
**G-PROTEIN COUPLE RECEPTOR 14 (GPR14)**

**REQUEST FOR CORRECTED FILING RECEIPT AND NOTICE OF**  
**ACCEPTANCE UNDER 35 U.S.C 371 AND 37 CFR 1.495**

Commissioner of Patents  
 U.S. Patent and Trademark Office  
 Customer Service Window  
 Randolph Building  
 401 Dulany Street  
 Alexandria, VA. 22314

Sir:

Please issue a corrected Filing Receipt and Notice of Acceptance for this application. A copy of the original filing receipt and notice of acceptance with the error noted in red accompanies this request. A copy of our postcard receipt and the signed Declaration filed on March 1, 2006 are also enclosed.

Please delete under the Atty. Docket No " **Le A 36 365** " and insert the following:

- - **004974.01084** - - ; delete Customer Number " **35969** " and insert - - **22907** - -  
 and delete the Address " **JEFFREY M. GREENMAN**

**BAYER PHARMACEUTICALS CORPORATION**  
**400 MORGAN LAKE**  
**WEST HAVEN, CT 06516** " and insert the following

- - **LISA M. HEMMENDINGER**  
**BANNER & WITCOFF, LTD.**  
**1001 G STREET, N.W. - 11<sup>th</sup> FLOOR**  
**WASHINGTON, D.C. 20001-4597** - -

We believe no fee is due in connection with this request. If a fee is due, please charge  
our Deposit Account No. 19-0733.

Date: May 17, 2006

Respectfully submitted,

By: 

Lisa M. Hemmendinger  
Reg. No. 42,653

Banner & Witcoff, Ltd.

Customer No. 22907  
LMH/mhn

LMH/INTL



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/531,655	03/01/2006	1645	3580	<del>Lo-A 36-365</del> 004974.01084	2	26	13

CONFIRMATION NO. 4692

35969 22907

JEFFREY M. GREENMAN

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WEST HAVEN, CT 06516

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BANNER &amp; WITCOFF, LTD

1001 G STREET, N.W. - 11th. FLOOR

WASHINGTON, D.C. 20001-4597

MAY 15 2006

FILING RECEIPT



\*OC000000018530069\*

Date Mailed: 04/17/2006

BANNER &amp; WITCOFF, LTD.

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Stefan Golz, Leverkusen, GERMANY;  
 Ulf Bruggemeier, Leverkusen, GERMANY;  
 Andreas Geerts, Leverkusen, GERMANY;

DOCKETED

004974.01084

MAY 15 2006 Ar

## Assignment For Published Patent Application

Bayer Healthcare AG, Leverkusen, GERMANY

Power of Attorney: The patent practitioners associated with Customer Number ~~35969~~ 22907

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP03/11393 10/15/2003

## Foreign Applications

EUROPEAN PATENT OFFICE (EPO) 02023767.3 10/24/2002

If Required, Foreign Filing License Granted: 04/13/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/531,655**

Projected Publication Date: 07/20/2006

Non-Publication Request: No

**Early Publication Request:** No

**Title**

Diagnositics and therapeutics for diseases associated with human g-protein couple receptor 14 (gpr14)

**Preliminary Class**

435

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### **LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15**

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier

license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



## UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
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10/531,655

Stefan Golz

Le A 36 365 004974.01084

INTERNATIONAL APPLICATION NO.

PCT/EP03/11393

I.A. FILING DATE

PRIORITY DATE

10/15/2003

10/24/2002

~~35960-22907~~~~JEFFREY M. GREENMAN~~ LISA M. HEMMENDINGER~~BAYER PHARMACEUTICALS CORPORATION~~ BANNER & WITCOFF, LTD.~~400 MORGAN LANE~~ 1001 G STREET, N.W. - 11th FLOOR~~WEST HAVEN, CT 06516~~ WASHINGTON, D.C. 20001-4597

CONFIRMATION NO. 4692

371 ACCEPTANCE LETTER



\*OC000000018530070\*

Date Mailed: 04/17/2006

## NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

03/01/2006

03/01/2006

DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and  
(c)(4) REQUIREMENTS

DATE OF COMPLETION OF ALL 35 U.S.C. 371  
REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 04/15/2005
- Copy of the International Search Report filed on 04/15/2005
- Preliminary Amendments filed on 04/15/2005
- Information Disclosure Statements filed on 04/15/2005
- Biochemical Sequence Diskette filed on 04/15/2005
- Oath or Declaration filed on 03/01/2006
- Biochemical Sequence Listing filed on 04/15/2005
- Request for Immediate Examination filed on 04/15/2005
- U.S. Basic National Fees filed on 04/15/2005
- Priority Documents filed on 04/15/2005
- Power of Attorney filed on 11/15/2005

- Specification filed on 04/15/2005
- Claims filed on 04/15/2005
- Abstracts filed on 04/15/2005
- Drawings filed on 04/15/2005
- Paper nucleotide sequence listings filed on 04/15/2005

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Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

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TAMALA D HOLLAND

Telephone: (703) 308-9140 EXT 209

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

# PCT RO/US BOX PCT

B&W # 004974.010814 Atty/Sec LMH/mhn Inspected By: \_\_\_\_\_  
 (Corresponding to U.S. Serial No.: \_\_\_\_\_ Filed: \_\_\_\_\_ Date March 1, 2006 (B&W# \_\_\_\_\_))

In re International Application of GOLZ et al

International Application No. 10/531,655

Title DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH G-PROTEIN COUPLED RECEPTOR 14 (GPR14)

The following has been received in the U.S. Receiving Office on the date stamped hereon:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> New PCT Application &amp; Fee, including:</li> <li><input type="checkbox"/> Transmittal Letter: 1 Sheet</li> <li><input type="checkbox"/> Request: #of Sheets _____ Replacements <input type="checkbox"/> YES <input type="checkbox"/> NO</li> <li><input type="checkbox"/> Fee Calculation Sheet: Original + 1 copy</li> <li><input type="checkbox"/> Description: #of Shts _____ Replacements <input type="checkbox"/> YES <input type="checkbox"/> NO</li> <li><input type="checkbox"/> Claims: #of Sheets _____ Replacements <input type="checkbox"/> YES <input type="checkbox"/> NO</li> <li><input type="checkbox"/> Abstract: 1 Sheet _____ Replacement <input type="checkbox"/> YES <input type="checkbox"/> NO</li> <li><input type="checkbox"/> Drawings: <input type="checkbox"/> Informal <input type="checkbox"/> Formal #of Sheets _____ Replacements <input type="checkbox"/> YES <input type="checkbox"/> NO</li> <li><input type="checkbox"/> Executed Power(s) of Attorney: #of POA(s) _____</li> <li><input type="checkbox"/> Sequence Listing: # of Sheet(s) _____</li> <li><input type="checkbox"/> Req. for Ext. of Time to Correct Defects until _____</li> <li><input type="checkbox"/> Response to Invitation to Correct Defects</li> <li><input type="checkbox"/> Chapter II Demand &amp; Fee # of sheets in Demand _____</li> <li><input type="checkbox"/> Article 19 Amendment</li> <li><input type="checkbox"/> Response to Written Opinion</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> U.S. Nat'l Phase of PCT Application, including:</li> <li><input type="checkbox"/> Specification: # of pages of description and claims _____<br/> <input type="checkbox"/> In English Translation</li> <li><input type="checkbox"/> Drawings : <input type="checkbox"/> Formal <input type="checkbox"/> Informal<br/> # of distinct sheets _____ : Figs. _____</li> <li><input checked="" type="checkbox"/> Declaration/PoA : <input checked="" type="checkbox"/> Executed <input type="checkbox"/> Unexecuted</li> <li><input checked="" type="checkbox"/> Assignment w/PTO Cover Sheet</li> <li><input type="checkbox"/> Small Entity Declaration</li> <li><input type="checkbox"/> IDS w/PTO 1449 <input type="checkbox"/> References</li> <li><input type="checkbox"/> Preliminary Amendment</li> <li><input type="checkbox"/> IPER w/English Translation of Annex(es)</li> <li><input type="checkbox"/> International Search Report (ISA/ _____)</li> </ul> |
|--|---|

Account  
☒ Check # 19-0733 for \$ 170.00  
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☒ Copy of Not. of M. R.